Earthdata UTC Meeting 03.21.2017

Gotomeeting link: https://global.gotomeeting.com/join/862833445

Phone number: 1-844-467-6272, Passcode 184979#

Meeting ID: 862-833-445

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
  - System Status
  - CMR Release Status
  - Earth Data Search Release Status
  - Metadata Management Tool Release Status
  - Upcoming PMs
- echo-support@mail.nascom.nasa.gov is now cmr-support@earthdata.nasa.gov
- 7. Earthdata Search Client Usability Improvements
- 8. GIBS
- 9. Worldview
- 10. Open Floor

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1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
  - EMS-Data Providers Monthly Interface Meeting
    - Topics: OPeNDAP in EMS
    - Date: 6 April at 2pm
  - EMS Distribution Reprocessing Continues
    - GES DISC, MODAPS, LP DAAC and LARC completed
    - Currently processing CDDIS distribution files
  - CDDIS is now in operations. We are processing their daily files and will process all their previous files in the next couple of weeks.

3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on** Wiki
- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki
  - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
  - In Production (Release 4.64)
- Earthdata Login public wiki

Ticket Status

Ticket	Sprint
URSFOUR-793 - Have an option on a required group to share app-specific attributes with other members of this group	
URSFOUR-785 - approve_app endpoint does not go to approval page after authentication	PI4.3

URSFOUR-783 - An application admin should be able to opt out of an previously added application group	PI4.2,4.3
URSFOUR-782 - Improve GUI messages when user requests password reset with locked profile	PI4.5
URSFOUR-781 - Add client_id to Groups api and return with groups info along with app id.	PI4.1,4.2
URSFOUR-780 - Allow EL to redirect user back to application after a number of failed login attempts	PI4.3,4.4
URSFOUR-779 - Investigate GrADS integration with Earthdata Login enabled services	PI4.5
URSFOUR-778 - Add an users api call to return NAMS AUID for an existing EL user if exists	PI4.2
URSFOUR-777 - Add capability for linking NAMS AUID to an existing EL userid through users API	PI4.2
URSFOUR-771 - Update oauth token validation for grouped applications when a token is shared	PI4.2,4.3,4.4
URSFOUR-767 - Improve the Terms of Service agreement on user registration page	PI4.1,4.2
URSFOUR-763 - As ESDIS I want to meet with the EMS team and determine if we can use EL to improve the EMS visual metrics.	PI4.1
URSFOUR-757 - Need to prompt for required groups during app creation.	PI4.5

URSFOUR-756 - Auto Authorize ESDIS apps irrespective of scope(public or otherwise)	PI3.4,4.1
URSFOUR-754 - Redesign 'My Applications' page and User profile sub navigation	
URSFOUR-753 - Global receive email option flag to be used as default option during application auto authorization.	PI3.4
URSFOUR-752 - Return application specific receive email option flag for the user along with user profile information (API)	PI3.4
URSFOUR-751 - Provide an option for the user to opt out of all application related email at a global level (user profile)	PI3.4
URSFOUR-745 - User services should be able to look up users (UI)	PI3.3
URSFOUR-744 - A user should be able to view all the user groups they belong to. (UI)	PI3.1
URSFOUR-743 - Return user groups information along with user profile info (API)	PI3.1
URSFOUR-733 - An application can list all the users in a group (API)	PI3.1
URSFOUR-732 - Provide URS4 api for an application to retrieve all the groups a user belongs to (API)	PI2.4
URSFOUR-731 - Provide URS4 Api to add user to a group by an application (API)	PI3.1

URSFOUR-730 - An application admin should be able to retrieve all the groups a user belongs to (UI)	PI3.1
URSFOUR-729 - Application admin can view a list of all user groups for the application (UI+API)	PI2.4
URSFOUR-728 - An application admin can add and delete a user from a user group (UI)	PI2.4
URSFOUR-727 - An application admin can create and edit a new user group (UI)	PI2.4
URSFOUR-725 - Too many email delivery failures	
URSFOUR-724 - Use human-readable field names (as used in field labels) instead of machine names like "study_area" in the banner/alert that shows up when additional profile fields are required.	PI2.3
URSFOUR-723 - Highlight missing app required user fields in user profile edit page on redirect	PI2.3
URSFOUR-720 - Add a count of the number of applications a user has authorized to the user profile information returned from the API.	PI3.3,3.4
URSFOUR-715 - Support HEAD authentication requests	PI3.3
URSFOUR-713 - URS cookies contain invalid Expires timezone	PI2.4
URSFOUR-705 - An application should be able to redirect to ED Login for additional EULA/Sentinel authorizations	PI2.2

URSFOUR-704 - Add 'Application' as user type options for user profile	PI2.1
URSFOUR-701 - Accept both username and email at the login	PI4.1
URSFOUR-698 - Implement unauthorized access to public user profile data	PI2.2
URSFOUR-697 - Determine which user profile fields should be public, and which should require authorization	PI2.3
URSFOUR-695 - Update LDAP Application model to store required user profile attributes	PI2.1
URSFOUR-694 - Provide capability to support application required user profile attributes during application authorization	PI2.1
URSFOUR-693 - Provide the ability to add/edit application required fields during application registration	PI2.1
URSFOUR-690 - want a list of all the applications I can authorize, with descriptions	PI1.1
URSFOUR-686 - URS appends form parameters to URL when clicking on 'Register' link	

4. Earthdata

Katherine Kelly

Earthdata Developer Portal

- Redesigned Top Menu and made Dev Portal-Helper docs easier to find.
- Added documentation for OPeNDAP

Launchpad Integrations

- Status App and Conduit CMS will be connected to Launchpad starting Thursday, March 23rd
- **You will need a **NAMS ID** to use these apps**
- Demo on new Login and Status App features tomorrow at 1pm
- Investigate feasibility of connecting Launchpad with Bamboo

ED Login

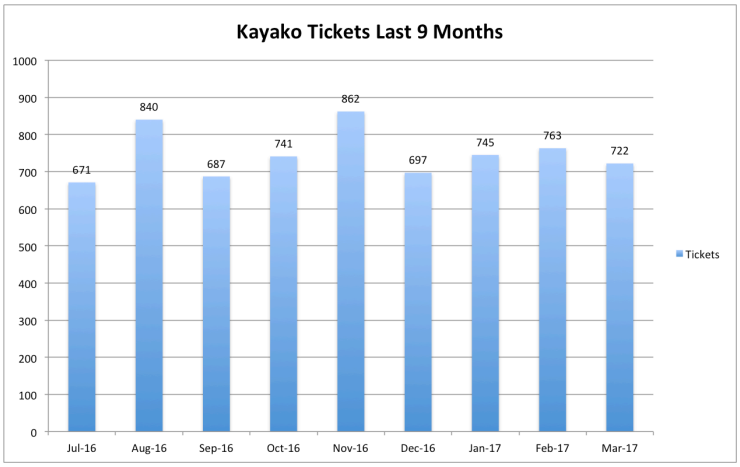
- Give MMT access to ED Login profiles.
- Investigate GrADS integration with Earthdata Login enabled services

5. User Support Tool

Catalino Cuadrado

Recent Metrics

Kayako Tickets Last 9 Months



Total Kayako Tickets since last UTC

	Closed	In Progress	Open	Waiting	Waiting for DAAC	Waiting for User
ASDC	56	1	1	1	1	
ASF	12					
Account Request	2					

CDDIS	2					
CMR	2					
ECC	7		1			
ECHO	7					
EMS			1			
Earthdata	7		1			
Earthdata Search	10		2	1		
FIRMS	6					1
GCMD	12	1				
GES-DISC			6			
GHRC	8		2		1	
LANCE	2					
LPDAAC	31	6	8		2	
MODAPS	65					
NSIDC	2					
OB.DAAC			1			
ORNL DAAC	17		3			
PO.DAAC	16	5	3			
PO.DAAC Forum	1					
Reverb	3		3			
Sea Level Change	1					
URS	137		25			
Worldview	8	2	2			

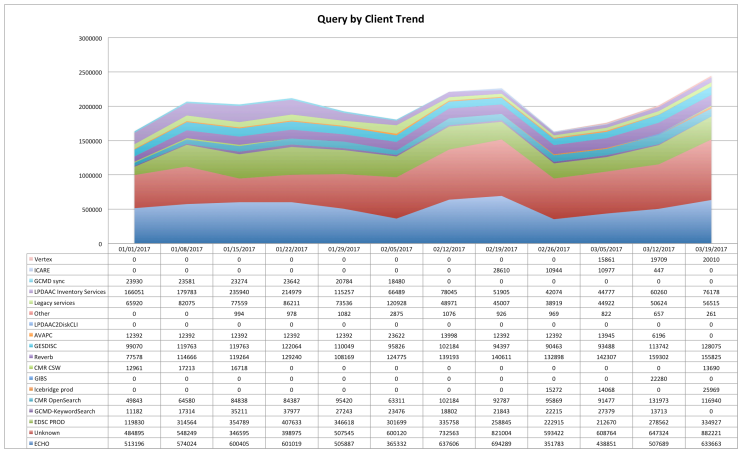
6. CMR/ECHO/Earthdata Search/MMT

System Status

No system issues

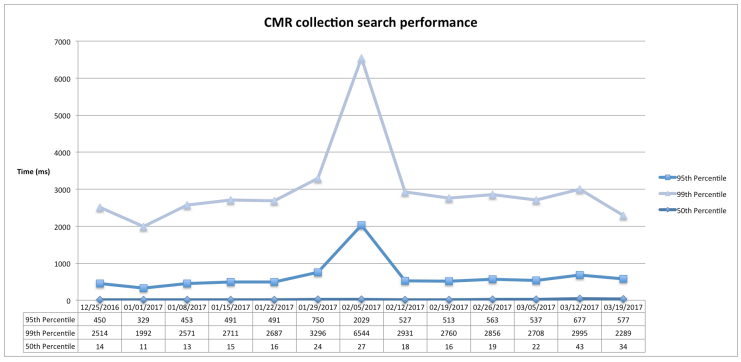
Recent Metrics

Client usage

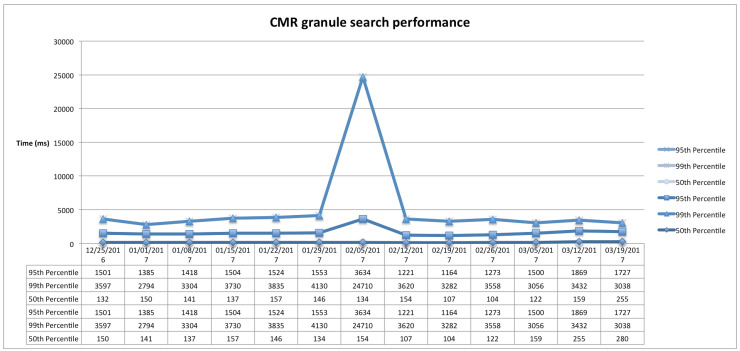


	01/01/2017	01/08/2017	01/15/2017	01/22/2017	01/29/2017	02/05/2017	02/12/2017	02/19/2017	02/26/2017	03/05/2017	03/12/2017	03/19/2017
Vertex	0	0	0	0	0	0	0	0	0	15861	19709	20010
ICARE	0	0	0	0	0	0	0	28610	10944	10977	447	0
GCMD sync	23590	23581	23274	23642	20784	18480	0	0	0	0	0	0
LPDAAC Inventory Services	166051	179783	230340	214979	115257	66489	78045	51905	42074	44777	60260	76178
Legacy services	65920	82075	77559	86211	73536	120928	48971	45007	38919	44922	50624	56515
Other	0	0	994	978	1082	2875	1076	926	969	822	657	261
LPDAACZDIskCLI	0	0	0	0	0	0	0	0	0	0	0	0
AVAPC	12392	12392	12392	12392	12392	23622	13998	12392	12392	13945	6196	0
GESDISC	99070	119763	119763	122064	110049	95826	102184	94397	90463	93488	113742	128075
Reverb	77578	114666	119264	129240	108169	124775	139193	140611	132898	142307	159302	155825
CMR CSW	12961	17213	16718	0	0	0	0	0	0	0	0	13690
GIBS	0	0	0	0	0	0	0	0	0	0	22280	0
Icebridge prod	0	0	0	0	0	0	0	0	15272	14068	0	25969
CMR OpenSearch	49843	64580	84838	84387	95420	63311	102184	92787	95869	91477	131973	116940
GCMD-KeywordSearch	11182	17314	35211	37977	27243	23476	18802	21843	22215	27379	13713	0
EDSC PROD	119830	314564	354789	407633	346618	301699	335758	258845	222915	212670	278562	334927
Unknown	484895	548249	346595	398975	507545	600120	732563	821004	593422	608764	647324	882221
ECHO	513196	574024	600405	601019	505887	365332	637606	694289	351783	438851	507689	633663

Query Performance



	12/25/2016	01/01/2017	01/08/2017	01/15/2017	01/22/2017	01/29/2017	02/05/2017	02/12/2017	02/19/2017	02/26/2017	03/05/2017	03/12/2017	03/19/2017
95th Percentile	450	329	453	491	491	750	2029	527	513	563	537	677	577
99th Percentile	2514	1992	2571	2711	2687	3296	6544	2931	2760	2856	2708	2995	2289
50th Percentile	14	11	13	15	16	24	27	18	16	19	22	43	34



	12/25/2016	01/01/2017	01/08/2017	01/15/2017	01/22/2017	01/29/2017	02/05/2017	02/12/2017	02/19/2017	02/26/2017	03/05/2017	03/12/2017	03/19/2017
95th Percentile	1501	1385	1418	1504	1524	1553	3634	1221	1164	1273	1500	1869	1727
99th Percentile	3597	2794	3304	3730	3835	4130	24710	3620	3282	3558	3056	3432	3038
50th Percentile	132	150	141	137	157	146	134	154	107	104	122	159	255
95th Percentile	1501	1385	1418	1504	1524	1553	3634	1221	1164	1273	1500	1869	1727
99th Percentile	3597	2794	3304	3730	3835	4130	24710	3620	3282	3558	3056	3432	3038
50th Percentile	150	141	137	157	146	134	154	107	104	122	159	255	280

CMR Release Status

PROD: 1.68

CMR-3826	Orbits-lib: Update create checkouts and documentation
CMR-3807	Legacy Services sends ACL queries with too many parameters in query string
CMR-3802	Browse imagery not showing up for AST_L1A datasets
CMR-3740	Temporal range search fails to find granule inclusively
CMR-3733	CMR search returns 500 error for collection search with keywords that has too many wildcards
CMR-3585	EDSC retagging every hour causing SocketException during indexing in SIT

UAT: 1.69

ECHO-685	Reverb Cross Site Scripting Reflected vulnerability
CMR-3863	Testbed Reverb is unable to log into URS
CMR-3841	Investigate sporadic CMR 404 errors
CMR-3839	EDSC tagging causing many calls to get current sids and token info
CMR-3837	Increase the number of elasticsearch retries in ops and prod
CMR-3832	Collection failing indexing but passing ingest validation
CMR-3797	Missing date values converted to 1/1/70
CMR-3795	Ensure that all debug level events are not logged in the production environment
CMR-3658	Point CMR apps in prod to CMR rest-services/catalog-rest
CMR-3657	Point CMR apps in uat to CMR rest-services/catalog-rest
CMR-3401	Change cardinality from 1..* to 0..* - not required for RelatedUrl
CMR-2564	As a Client User, I should be able to specify an initial management group when creating a group.
CMR-2224	As a Client User, I want the CMR to reject a collection update that removes an instrument referenced to by an existing granule

Earth Data Search Release Status

PROD: 1.38

EDSC-1346	Projection information not getting passed to EGI
EDSC-1159	Collection details page should use UMM metadata instead of ECHO10 metadata.
ECHO-677	Convert to using app Status instead of ECHO calendar events for alerts

UAT: 1.39

EDSC-1357	NSIDCV0 collection level metadata not available in EDSC
EDSC-1345	Production health check fails on the hour until at most 5 past the hour

Metadata Management Tool Release Status

PROD: 1.41

MMT-661	As a Provider, I want to delete a service implementation / service option association.
MMT-648	As a Provider, I want to sort a list of my collections with their service option associations by collection, service option, or service implementation.
MMT-647	As a Provider, I want to view a list of my collections and their service option assignments.
MMT-644	As a Provider, I want to indicate whether a service option/service implementation/collection association is for granules only or for collections and granules.
MMT-643	As a Provider, I want to associate a service option with one of my service implementations and one or more of my collections.
MMT-638	As a Provider, I want to delete a service interface entry.
MMT-637	As a Provider, I want to update an existing service interface entry for my provider.
MMT-636	As a Provider, I want to create and view a service interface entry.
MMT-605	As a Provider, I want to view a summary list of my provider orders.
MMT-512	As a provider, I want to grant permissions to granules with an access constraint value to all members of an access control group.
MMT-511	As a provider, I want to grant permissions to all granules of a list of collections to all members of an access control group.
MMT-510	As a provider, I want to grant permissions to all granules to all members of an access control group.
MMT-509	As a provider, I want to grant permissions to collections with an access constraint value to all members of an access control group.

UAT: 1.42

MMT-834	500 error when attempting to view 'Selected Collections' permission for GES-DIS provider
MMT-833	Show link appears on order details even if there is no order option associated with the order
MMT-829	'Show order option' pop-up when viewing order does not allow user to see entire order option, and order option text does not match
MMT-828	Collection permission includes collections not selected and not in pick list, and collections are repeated
MMT-825	Group members who have not authorized the MMT in URS are not handled properly in group operations
MMT-814	500 errors for some order functionality for some providers
MMT-813	Related URLs do not link to the right place
MMT-745	As a CMR Administrator I want to create or update Single Instance Identity ACLs for Group Management
MMT-736	As a user, I want to see a group's associated permissions
MMT-715	Incorrect rendering of Data Center card for data center with long Short Name
MMT-708	Can't publish revision to previously published UMM-JSON record
MMT-647	As a Provider, I want to view a list of my collections and their service option assignments.
MMT-608	As a Provider, I want to resubmit a provider order which is in a terminal state.
MMT-590	As a Provider, I want to create and view a data quality summary.
MMT-145	As a Provider, I want to view the detailed order information for an individual order for my Provider.
MMT-136	As a Provider, I want to search for a provider order by specifying its order id.

Upcoming PMs

22 Mar 2017

- CMR 1.69 to PROD, 1.70 to UAT
- EDSC 1.39 to PROD, 1.40 to UAT
- MMT 1.42 to PROD, 1.43 to UAT
- ECHO 10.141 to OPS, 10.142 to PT
- PT and TB OS patching affecting PUMP, CWICSmart and CWICStart.

echo-support@mail.nascom.nasa.gov is now cmr-support@earthdata.nasa.gov

we have redirects in place for the time being but please communicate this new email address to your team for CMR support.

7. Earthdata Search Client Usability Improvements

Mark Reese

Completed

- UMM Collection Details
- Select multiple facets

- Finished workflow redesign prototype

In Progress

- Continued layout redesign implementation

8. GIBS

Matthew Cechini

General Items

- Vectors - Testing has begun on a new vector prototype capability. Once initial functional tests have completed, GIBS will begin working with "early adopter" data providers for further integration testing. Updates to the ICD are expected.
- ICD Appendix Baselining - Updating existing GIBS ICD Appendix Google Doc spreadsheets to comply with the updated (Rev A) Imagery Provider ICD document. Providers will be contacted individually to review the updated document in preparation for baselining in COMET.

Provider/Product On Boarding

- AIRS - GESDISC
  - Awaiting promotion of a code fix to Giovanni before moving forward with imagery review.
- ASTER L1T - LPDAAC/USGS
  - Performed initial imagery review with USGS through GloVisNext.
  - Historical reprocessing restarted with EPSG:3857 imagery (for GloVis) and EPSG:4326 (for EDSC).
  - Beginning coordination for forward processing.
- GPM Rain/Snow v4 Standard
  - On hold for v5 data updates scheduled in April 2017.
- MISR NRT
  - Completed verification of provider imagery fixes to address low light pixel issues.
  - Reviewing imagery delivery modifications to address observed performance issues.
  - Completed testing expected week of 3/20.
- MODIS Collection 6 L3 Land
  - Performing sample ingest and imagery review.
- MOPITT NRT
  - Performing ICD development and review.
- OMPS NRT
  - Awaiting resource prioritization.
- VIIRS Black Marble
  - Coordinating 2016 Black Marble imagery with VIIRS SIPS and Earth Observatory teams.

Jerome King / Alex De Luca

GIBS Production

Status

- Maintenance – on 3/22
- AMSRU STD – Imagery review to be performed in UAT during week of 3/20.
- MODIS C6 L2 Land NRT
  - Processing started in production during week of 3/13.
  - Transition from C5 to C6 products scheduled for week of 3/20, except for Combined AOD product.
- NISE – NSIDC
  - Completed historical imagery processing and review. Imagery to be released to production week of 3/20.
  - Coordinating provider software update prior to forward processing.
- Aquarius/CCMP/MODIS - PODAAC
  - Completed review of "Batch 2" imagery products.

- Historical and forward processing began week of 3/20.
- SMAP - Updates to SMAP Freeze/Thaw v4 reviewed and released to production as of 3/21.

Issues

- None

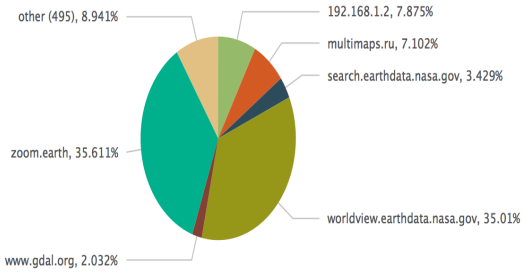
Metrics

Referrer with API Requests for GIBS (March 6th - 12th)

Request by API (WMTS)

Monday	4,749,497
Tuesday	4,475,938
Wednesday	4,536,126
Thursday	4,326,292
Friday	4,024,596
Saturday	2,903,723
Sunday	3,027,233

(Daily avg)

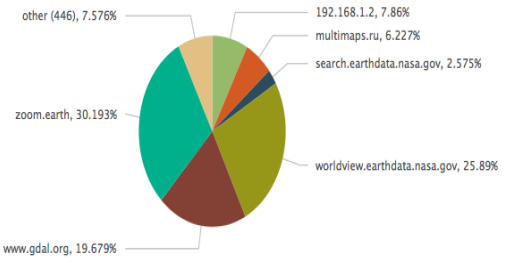


Referrer with API Requests for GIBS (March 13th - 19th)

Request by API (WMTS)

Monday	3,936,227
Tuesday	4,224,651
Wednesday	4,018,550
Thursday	3,931,920
Friday	3,850,914
Saturday	5,431,808
Sunday	6,267,710

(Daily avg)



9. Worldview

Benjamin King

Releases

- No new releases

Work In Progress

- Testing/Debugging for 1.4.0 release
  - Containing:
    - Running-data feature
    - Dateline wrap features
    - Updates to event feature
      - Specific Icon for each event
      - Tooltips to point out events on map
    - Auto-disable feature
    - OpenLayers 4 Migration
    - Many additional products

10. Open Floor

a. Cutover dates for migrating CMR micro-services from on-premises to the cloud.

SIT – March 1st 2017

UAT – March 15th 2017

PROD – TBD

b. PUMP shutdown scheduled for late April

PUMP functionality in MMT can be tested in UAT at mmt.uat.earthdata.nasa.gov

PUMP functionality in MMT will be available in OPS at the beginning of April (mmt.earthdata.nasa.gov)

There will be a period of dual MMT and PUMP operations in April until PUMP shutdown

c. Demonstration of PUMP User Lookup and Calendar functions in new 'homes' - March 22, 1 pm Eastern

User Lookup -> URS

Calendar -> Earthdata Status App (login moving to Launchpad)

d. SOAP API change

In order to improve the user experience in MMT, we have made a modification to the legacy-services SOAP API (

CMR-3902 - JIRA project doesn't exist or you don't have permission to view it.)

In the ServiceManagementService, the GetServiceOptionDefinitions